

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-20. (Cancelled).

21. (Currently Amended): ~~An isolated~~ A purified antibody ~~specific that binds with~~
~~for an HIV-2 protein selected from gp300, p200, and p90/80~~ and does not bind with HIV-
2 gp140.

22-24. (Cancelled).

25. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 21,
wherein the antibody is labeled with one or more immunoassay labels.

26. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 25,
wherein the one or more immunoassay labels is one or more of a radioisotope, an
enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

27. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 21,
wherein the antibody is a polyclonal antibody.

28. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 21, wherein the antibody is a monoclonal antibody.

29. (Currently Amended): ~~An isolated~~ A purified antibody according to claim [[22]] 21, wherein the HIV-2 protein gp300 is a glycoprotein of HIV-2 having an apparent molecular weight of about 300 kilodaltons (Kd) by SDS-PAGE.

30-38. (Cancelled).

39. (New): A purified antibody that binds with HIV-2 p200 and does not bind with HIV-2 gp140.

40. (New): A purified antibody according to claim 39, wherein the antibody is labeled with one or more immunoassay labels.

41. (New): A purified antibody according to claim 40, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

42. (New): A purified antibody according to claim 39, wherein the antibody is a polyclonal antibody.

43. (New): A purified antibody according to claim 39, wherein the antibody is a monoclonal antibody.

44. (New): A purified antibody according to claim 39, wherein the HIV-2 protein p200 is an unglycosylated protein of HIV-2 having an apparent molecular weight of about 200 kilodaltons (Kd) by SDS-PAGE.

45. (New): A purified antibody that binds with HIV-2 p90/80 and does not bind with HIV-2 gp140.

46. (New): A purified antibody according to claim 45, wherein the antibody is labeled with one or more immunoassay labels.

47. (New): A purified antibody according to claim 46, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

48. (New): A purified antibody according to claim 45, wherein the antibody is a polyclonal antibody.

49. (New): A purified antibody according to claim 45, wherein the antibody is a monoclonal antibody.

50. (New): A purified antibody according to claim 45, wherein the HIV-2 protein p90/p80 is an unglycosylated protein of HIV-2 having an apparent molecular weight of about 90 kilodaltons (Kd) to about 80 Kd by SDS-PAGE.